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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/716,316
				Filing Date	11/17/2003
				First Named Inventor	Xiaochun Nie
				Group Art Unit	2621
				Examiner Name	Werner, David N.
Sheet	1	of	3	Attorney Docket Number	APLE.P0036

U.S. PATENT DOCUMENTS						
Examiner* Initials	Cite No. <sup>1</sup>	U.S. Patent Document Number      Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	1.	5,164,828      A	11-17-1992	Tahara, et al.		
	2.	5,241,383      A	08-31-1993	Chen, et al.		
	3.	5,333,012      A	07-26-1994	Singhal, et al.		
	4.	5,469,208      A	11-21-1995	Dea, David		
	5.	5,623,308      A	04-22-1997	Civanlar, et al.		
	6.	5,650,860      A	07-22-1997	Uz, K. Metin		
	7.	5,726,711      A	03-10-1998	Boyce, Jill Macdonald		
	8.	5,790,196      A	08-04-1998	Sun, et al.		
	9.	5,929,914      A	07-27-1999	Normand, Guy		
	10.	5,937,138      A	08-10-1999	Fukuda, et al.		
	11.	5,986,712      A	11-16-1999	Peterson, et al.		
	12.	5,990,958      A	11-23-1999	Bheda, et al.		
	13.	6,014,181      A	01-11-2000	Sun, Kai		
	14.	6,125,147      A	09-26-2000	Florencio, et al.		
	15.	6,141,448      A	10-31-2000	Khansari, et al.		
	16.	6,324,217      B1	11-27-2001	Gordon, Donald F.		
	17.	6,480,539      B1	11-12-2002	Ramaswamy, S. Venkatachalapathy		
	18.	6,639,942      B1	10-28-2003	Bayazit, Ulug		
	19.	6,694,060      B2	02-17-2004	Liu, et al.		
	20.	6,763,067      B2	07-13-2004	Hurst, Robert N.		
	21.	6,963,608      B1	11-08-2005	Wu, Siu-Wai		
	22.	7,103,099      B1	09-05-2006	Paz, et al.		

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				Group Art Unit	2621
				Examiner Name	Werner, David N.
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U.S. PATENT APPLICATIONS					
Examiner* Initials	Cite No. <sup>1</sup>	U.S. Patent Document Number      Kind Code <sup>2</sup> (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	23.	10/427,669	04-30-2003	Xiaochun Nie, et al.	Related Patent Application
	24.	10/427,843	04-30-2003	Thomas Pun, et al.	Related Patent Application
	25.	10/716,265	11-17-2003	Thomas Pun, et al.	Related Patent Application

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	26.	2002/0085636      A1	07-04-2002	Uenoyama, et al.	
	27.	2002/0094082      A1	07-18-2002	Jones, et al.	
	28.	2002/0163964      A1	11-07-2002	Nichols, James B.	
	29.	2003/0142751      A1	07-31-2003	Hannuksela, Miska	
	30.	2005/0286631      A1	12-29-2005	Wu, et al.	
	31.	2006/0013298      A1	01-19-2006	Tong, et al.	

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	32.	Non-Final Office Action (10/427,669)	04-30-2003	Xiaochun Nie, et al.		Non-Final Office Action mailed 05-04-2007 of a related application with Attn. Docket APLE.P0020
	33.	Final Office Action (10/427,669)	04-30-2003	Xiaochun Nie, et al.		Final Office Action mailed 10-12-2006 of a related application with Attn. Docket APLE.P0020
	34.	Non-Final	04-30-2003	Xiaochun Nie, et al.		Non-Final Office Action

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		Office Action (10/427,669)					mailed 03-20-2006 of a related application with Attn. Docket APLE.P0020
	35.	Non-Final Office Action (10/427,843)		04-30-2003	Thomas Pun, et al.		Non-Final Office Action mailed 02-27-2007 of a related application with Attn. Docket APLE.P0028
	36.	Non-Final Office Action (10/716,265)		11-17-2003	Thomas Pun, et al.		Non-Final Office Action mailed 03-28-2007 of a related application with Attn. Docket APLE.P0037

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